



Note:

1. Simulated heads from MODFLOW groundwater flow model compared to measured heads obtained on July 6-8, 2005.
2. Basemap from: "Remedial Investigation/ Feasibility Study Report Sauget Area 2", URS Corporation, St. Louis, Missouri, January 30, 2004.
3. The residual value plotted is the difference between simulated and measured values. Positive residuals indicate model overestimation while negative residuals indicate model underestimation.

Well ID

Residual in feet

Model Under Predicts by

> 2 ft

1.5 - 2 ft

1.0 - 1.5 ft

0.5 - 1.0 ft

up to 0.5 ft

Model Over Predicts by

>2 ft

1.5 - 2 ft

1 - 1.5 ft

0.5 - 1 ft

up to 0.5 ft

	GSI Job No.	G-2935	Drawn By:	SKF/CDM
	Issued:	22-Feb-08	Reviewed By:	CJN
	Revised:	--	Approved By:	CJN
	Scale:	As Shown		FIGURE 45

Spatial Correlation Between Simulated and Measured Water Levels

Deep Hydrogeologic Unit (Layer 3 in Model)

REGIONAL GROUNDWATER FATE AND TRANSPORT MODEL
American Bottoms Aquifer